

# NEWS & UPDATES

Newsletter for the GRID DATA Repository and BetterGrids Foundation, Inc.

## 2019 Performance

We successfully completed the third full year of operation of the BetterGrids Foundation, Inc. All performance metrics improved compared to 2018 except for the “Number of Downloads”, which went down since we have been blocking the bots. Number of registered users was up by 29% to 386. Number of items in the Repository was up by 10% to 454. The corporation met its financial objective of being self-funding, and substantially met the strategic goals set by the Board of Directors.

	2019 Strategic Goals	Performance	Measurement
1	Perform a survey of the user community to identify and prioritize improvements	<ul style="list-style-type: none"> <li>Prepare and conduct the survey</li> <li>Analyze/Summarize Finding</li> <li>Develop Action Plan to address priority improvements</li> </ul>	<ul style="list-style-type: none"> <li>Survey conducted</li> <li>Results analyzed</li> <li>Results factored in 2020 goals with consultation with Technical Committee and the Policy Committee</li> </ul>
2	Expand the Repository to support DERMS/ADMS studies	<ul style="list-style-type: none"> <li>Create Working Group</li> <li>Obtain and publish data from two ADMS/DERMS Research projects</li> <li>Obtain grid models from two ADMS/DERMS vendors</li> </ul>	<ul style="list-style-type: none"> <li>Working Group created but need more members (currently only two members)</li> <li>Published data from UCR and Berkeley ENERGISE projects</li> <li>Obtain data from OpalRT. Cross referencing data from OpusOne</li> </ul>

## 2020 Performance Goals

The Board of Directors met on April 23, 2020 and approved the following performance goals for 2020.

BetterGrids Foundation 2020 Performance Improvement Goals (PIGs)								
Area	Metrics	Baseline (2016)	2017	2018	2019	Threshold	Goal	As of Dec 31, 2020
		Repository	Number of registered accounts	0	120	299	386	400
Number of items in the repository	0		291	413	454	475	525	
Number of downloads per year	0		3900	143565	1464	1200	1500	
Marketing	Number of committee members (i.e., "Community Volunteers")	0	55	>56	60+	60	65	
Self-Funding	Annual revenue from value-added services (\$)	0	0	0	0	0	5000	
	Annual revenue from fundraising (\$)	0	10000	10000	10000	0	5000	
	Annual expenses (\$)	0	4268.35	585	298	10000	5000	
Strategic	% Strategic PIGs completed	NA	81	60	90	80	90	
	Not measured yet	Baseline				Threshold	Threshold	Goal Met

## 2020 Strategic Goals

The Board also approved the following strategic goals for 2020 that were recommended by the Policy Committee based on the survey of the Repository user community conducted in 2019.

	2020 Strategic Goals	Performance
1	Improve Repository based upon user community survey	Provide access to and/or links to power flow solvers that can be used with posted models
2	Create a Forum on BetterGrids.org	Forum implemented and in production use
3	On-line feedback form from the Repository	Feedback form implemented seeking comments on user experience (e.g., did you find what you were looking for?)
4	Increase community involvement in BetterGrids	<ul style="list-style-type: none"> <li>• 2 new curators</li> <li>• 5 new outreach activities</li> </ul>

## Value-Added Services

In 2019 BetterGrids Foundation engaged in the Secure Grid Data Exchange (SGDX) project funded by ARPA-E and committed to deliver a collaboration platform for the SGDX project team for a fixed annual fee. The collaboration platform has been delivered and the first annual payment was received in 2020. It represents the attainment of a major milestone for the corporation—generating revenue from value-added services---which is fundamental to the BetterGrids' mission of being a self-funding organization.

## Industry Outreach

Several BetterGrids volunteers publicized the Repository while attending the DistribuTECH 2020 in San Antonio in January 2020, and the ARPA-E OPEN 2018 Project Kick Off meeting in New Orleans in March 2020.

## Technical Committee Meeting

Technical Committee met on April 30, 2020. An important decision was made on the creation of a Working Group to help with the creation of uniform and best practices for secure exchange of grid data. BetterGrids is a participant in the Secure Grid Data Exchange project funded by ARPA-E. An objective of the project is to help create uniformity and standardize processes and non-disclosure agreements (NDAs) for access to sensitive grid data by legitimate researchers and vendors. Expected benefits include i) improved efficiency of grid data access processes that are very cumbersome today, ii) improved reliability of the grid by better access to the legitimate users of the grid data, and iii) improved cyber security of the grid by designing more secure processes for access to the sensitive grid data.

## Stay Current

Stay up to date on the Repository progress and BetterGrids by following us at LinkedIn, Twitter, or at our website [www.BetterGrids.org](http://www.BetterGrids.org)

